



PATENT

ATTORNEY DOCKET NO.: 47113-5070

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mikael SCHUISKY

Application No.: 10/577,549

Filed: April 28, 2006

For: A STEEL STRIP COATING
WITH ZIRCONIA

Confirmation No.: Unassigned

Group Art Unit: Unassigned

Examiner: Unassigned

Commissioner for Patents

U.S. Patent and Trademark Office

Customer Window Mail Stop: ☒ Amendment ☐ AF ☐ Reissue

Alexandria, VA 22314

Sir:

INFORMATION DISCLOSURE STATEMENT (IDS)

☒ **Under 37 C.F.R. § 1.97(b):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. To the undersigned's knowledge, this IDS is being filed before the mailing date of a first Office Action on the merits, before the mailing date of a first Office Action on the merits after filing an RCE under § 1.114, or within three months of the application filing date.

☐ **Under 37 C.F.R. § 1.97(c):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(c), Applicant brings to the attention of the Examiner the document listed on the attached PTO Form 1449. This IDS is being filed after the events recited in § 1.97(b) but, to the undersigned's knowledge, before the mailing date of a Final Office Action, a Notice of Allowance, or another action that closes prosecution in the application.

☐ The fee of \$180.00 set forth in § 1.17(p) is included herein; or

☐ Applicant submits that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

☐ **Under 37 C.F.R. § 1.97(d):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(d), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. This IDS is being filed after the events recited in § 1.97(c) but before payment of the issue fee.

☐ The fee of \$180.00 set forth in § 1.17(p) is included herein; and

☐ Applicant submits that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

☐ **Under 37 C.F.R. § 1.97(i):** Pursuant to 37 C.F.R. §§ 1.56 and 1.97(i), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. This IDS is being filed after the events recited in § 1.97(d). Applicant requests that the IDS be placed in the file.

☒ A search report or other listing of documents from a counterpart, related, or other application dated August 23, 2005 and having documents cited thereon is attached for the Examiner's consideration. Any of these documents not previously cited, and any additional documents are listed on the PTO Form 1449.

☒ Applicant respectfully requests that the Examiner consider the listed document and evidence that consideration by making appropriate notations on the attached form. As for any document listed on the accompanying PTO-1449 that is in a language other than English, relevance can be understood from an enclosed English abstract or at least partial translation or from mention in the specification or in a search report for a corresponding application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that any of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

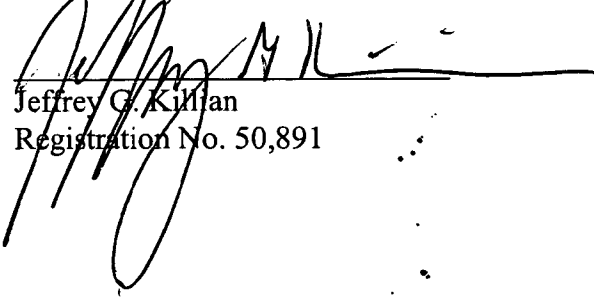
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should any of the documents be applied against the claims of the present application.

Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this Application, including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required and including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0573. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully submitted,

DRINKER, BIDDLE & REATH LLP

Dated: August 25, 2006


Jeffrey G. Killian

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DRINKER, BIDDLE & REATH LLP

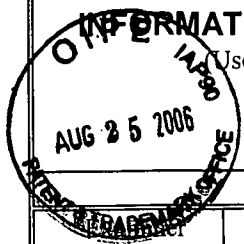
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /GAB/

**INFORMATION DISCLOSURE CITATION**

Use several sheets if necessary)

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PTO Form 1449

Attorney Docket No.

47113-5070

Application No.:

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Applicant(s):

Mikael SCHUISKY

Page 1 of 1

Filing Date:

April 28, 2006

Group Art Unit:

Unassigned

U.S. PATENT DOCUMENTS

Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	3,920,583	November 18, 1975	<i>Pugh</i>	-	-	
	4,519,339	May 28, 1985	<i>Izu et al.</i>	-	-	
	4,585,537	April 29, 1986	<i>Nakayama et al.</i>	-	-	
	5,510,008	April 23, 1996	<i>Sekhar et al.</i>	-	-	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	
						YES	NO
	EP 0 353 060 B1	January 31, 1990	Europe				
	EP 0 416 887 A2	March 13, 1991	Europe				
	EP 1 033 416 A1	September 6, 2000	Europe				
	EP 0 416 887 B1	March 13, 1991	Europe				
	JP 60-149778	August 7, 1985	Japan			Abstract	
	JP 4-193968	July 14, 1992	Japan			Abstract	
	JP 6-315641	November 15, 1994	Japan			Abstract	
	WO 2005/015645	February 17, 2005	PCT				
	WO 98/08986	March 5, 1998	PCT				
	WO 03/007386	January 23, 2003	PCT				
	WO 03/048402 A1	June 12, 2003	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	T. Satoh et al., "Cu(In,Ga)Se ₂ solar cells on stainless steel substrates covered with insulating layers", Solar Energy Materials & Solar Cells 75, pp. 65-71 (2003).
	K. Herz et al., "Dielectric barriers for flexible CIGS solar modules", Thin Solid Films 403-404, pp. 384-389 (2003).
	K. Hertz et al., "Diffusion barriers for CIGS solar cells on metallic substrates", Thin Solid Films 431-432, pp. 392-397 (2003).
	S. Linderoth et al., "Investigations of Fe-Cr Ferritic Steels as SOFC Interconnect Material", Materials Research Society Symposium Processing, Vol. 575, pp. 325-330 (2000).

Examiner

/Gwendolyn Blackwell/

Date Considered

09/30/2009

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.